C2	Providing and laying in position reinforced cement concrete of design mix M25 with OPCcement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cumn and fine aggregates@ 0.47cum, with superplastisiser @3lts confirmingto IS9103-1999 reaffirmed 2008,machine mixed, concrete laid in layersnot exceeding 15 cms thick, vibrated for all work in foundation for footings,pedestals, retainingwalls, return walls, walls(any thickness) including attached plasters,columns, pillars, posts, struts, buttresses, bed blocks, anchor blocks, and plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.								
	Footings C1	cum	9	3.71	3.71	0.65	80.52		
	C2		5	3.30	3.30	0.60	32.67		
	C3		3	2.40	2.40	0.40	6.91		
	CF1		1	3.86	2.20	0.40	3.40		
	CF2		1	8.46	2.30	0.40	7.78		
	CF3		1	5.80	3.33	0.40	7.73		
	Column below GL						**139.01**		
	C1		9	0.40	0.60	1.45	3.13		
	C1		1	0.40	0.60	1.45	0.35		
	C2		5	0.40	0.60	1.50	1.80		
	C2		2	0.40	0.60	1.50	0.72		
	C3		2	0.40	0.60	1.70	0.82		
	C3		1	0.40	0.60	1.70	0.41		
	LB1		2	2.20	0.20	1.70	1.50		
	LB2		2	1.80	0.20	1.70	1.22		
	CF2_beam		1	8.46	0.40	0.70	2.37		
	CF3_beam		1	5.80	0.60	0.55	3.19		
	PLINTH BEAM						**15.50**		
	PB1Grid 1-3		1	8.58	0.20	0.60	1.03		
	PB2Grid 2-5		1	7.60	0.20	0.40	0.61		
	PB3 Grid C-D		2	3.50	0.20	0.40	0.56		
	PB3 Grid D-E		2	3.50	0.20	0.40	0.56		
	PB3 Grid E-F		2	3.50	0.20	0.40	0.56		
	PB3 Grid F-H		1	3.50	0.20	0.40	0.28		
	PB3 Grid H-K		1	3.20	0.20	0.40	0.26		
	PB3 Grid F-G		1	1.71	0.20	0.40	0.14		
	PB3 Grid G-K		2	5.05	0.20	0.40	0.81		
	PB3 Grid 3-7		2	3.80	0.20	0.40	0.61		
	PB4 Grid A-B		2	4.00	0.20	0.40	0.64		
	PB4 Grid B-C		2	3.50	0.20	0.40	0.56		
	PB4 Grid 1-2		1	2.30	0.20	0.40	0.18		
	PB4 Grid 5-7		1	2.30	0.20	0.40	0.18		
	Grid B/W 1-7		1	13.40	0.20	0.40	1.07		
	Cross Walls		1	4.60	0.20	0.40	0.37		
	Cross Walls		1	10.00	0.20	0.40	0.80		
							9.21		
						TOTAL	**163.72**	**6500.00**	**1064211.10**
	Tender Quoted Rates Rs.6500.00								
C4	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mmand down size graded granite metal coarse aggregates @0.47 cum with superplastisiser @3lts confirming toIS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thick ness) including attached plasters,columns,pillars,posts,struts.butters,string or lacing courses,parapets,coping,bed blocks,anchor blocks,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications								

Ground Floor								
Columns upto beam bottom								
C1	Cum	10	0.40	0.60	2.65	6.36		
C2		7	0.40	0.60	2.95	4.96		
C3		3	0.40	0.60	3.20	2.30		
C4		4	0.20	0.40	3.20	1.02		
Deductions						**14.64**		
C1 (Lintel Ares)	Cum	10	0.60	0.20	0.30	0.36		
C2		7	0.60	0.20	0.30	0.25		
C3		3	0.40	0.20	0.30	0.07		
C4		4	0.40	0.20	0.30	0.10		
						0.78		
						13.86		
Lintels								
Through Lintel		2	28.40	0.20	0.30	3.41		
		2	14.20	0.20	0.30	1.70		
PB3 Grid G-K		2	5.05	0.20	0.30	0.61		
PB3 Grid 3-7		2	3.80	0.20	0.30	0.46		
						6.17		
Staircase								
Waist slab	Cum	2	3.35	1.20	0.20	1.61		
Center Portion	Cum	1	2.10	1.20	0.20	0.50		
Rise and threads	Cum	24	1.20		0.02	0.65		
			triangular area			**2.76**		
						22.80	**7500.00**	**170985.00**
Tender Quoted Rates								
First Floor								
Columns upto beam bottom								
C1	Cum	10	0.40	0.60	2.90	6.96		
C2		7	0.40	0.60	3.20	5.38		
C3		3	0.40	0.60	3.20	2.30		
C4		4	0.20	0.40	3.45	1.10		
C1 (Parapet height)		10	0.40	0.60	1.20	2.88		
C2		7	0.40	0.60	1.20	2.02		
C3		3	0.40	0.60	1.20	0.86		
C4		4	0.20	0.40	1.20	0.38		
Deductions						**21.89**		
C1 (Lintel Ares)	Cum	10	0.60	0.20	0.30	0.36		
C2		7	0.60	0.20	0.30	0.25		
C3		3	0.60	0.20	0.30	0.11		
C4		4	0.60	0.20	0.30	0.14		
						0.86		
						21.02		
Through Lintel		2	28.40	0.20	0.30	3.41		
		2	14.20	0.20	0.30	1.70		
PB3 Grid G-K		2	5.05	0.20	0.30	0.61		
PB3 Grid 3-7		2	3.80	0.20	0.30	0.46		
Staircase						**6.17**		
Waist slab		1	3.35	1.20	0.20	0.80		
		1	3.93	1.20	0.20	0.94		
Center Portion		1	2.10	1.20	0.15	0.38		
Rise and threads		26	1.20		0.02	0.70		
			triangular area =			**2.83**		
						30.02	**6300.00**	**189151.20**

Tender Quoted Rates								
25 Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar,with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams,staircase,and roof with M-25. Pg No.18 Item No.4.49.2								
Ground floor								
Beams								
B1	Cum	1	14.20	0.20	0.45	1.28		
B2		5	14.20	0.40	0.75	21.30		
B3		1	9.78	0.40	0.45	1.76		
B4		1	5.85	0.40	0.45	1.05		
B5		1	4.00	0.20	0.45	0.36		
B6		1	5.85	0.20	0.45	0.53		
B7		1	4.00	0.20	0.45	0.36		
B8		1	9.78	0.40	0.45	1.76		
B9		1	28.40	0.20	0.25	1.42		
B10		1	28.40	0.20	0.25	1.42		
Lift Beam		2	2.05	0.20	0.40	0.33		
		2	2.20	0.20	0.40	0.35		
						31.92		
Deduction(Columns)								
North side		4	0.60	0.20	0.25	0.12		
		3	0.40	0.20	0.25	0.06		
		1	0.20	0.20	0.25	0.01		
East side		2	0.60	0.40	0.45	0.22		
		1	0.20	0.40	0.45	0.04		
South side		3	0.60	0.20	0.25	0.09		
		3	0.40	0.20	0.25	0.06		
		2	0.20	0.20	0.25	0.02		
West side		2	0.60	0.20	0.25	0.06		
		2	0.20	0.20	0.25	0.02		
						0.69		
						31.23		
Roof		1	28.40	14.20	0.15	**60.49**		
Deduct stair case and lift room		1	4.61	3.35	0.15	**2.32**		
						58.18		
First floor								
Beams								
B1	Cum	1	14.20	0.20	0.45	1.28		
B2		5	14.20	0.40	0.75	21.30		
B3		1	9.78	0.40	0.45	1.76		
B4		1	5.85	0.40	0.45	1.05		
B5		1	4.00	0.20	0.45	0.36		
B6		1	5.85	0.20	0.45	0.53		
B7		1	4.00	0.20	0.45	0.36		
B8		1	9.78	0.40	0.45	1.76		
B9		1	28.40	0.20	0.25	1.42		
B10		1	28.40	0.20	0.25	1.42		
Lift Beam		2	2.05	0.20	0.40	0.33		
		2	2.20	0.20	0.40	0.35		
						31.92		
Deduction(Columns)								
North side		4	0.60	0.20	0.25	0.12		

		3	0.40	0.20	0.25	0.06		
		1	0.20	0.20	0.25	0.01		
East side		2	0.60	0.40	0.45	0.22		
		1	0.20	0.40	0.45	0.04		
South side		3	0.60	0.20	0.25	0.09		
		3	0.40	0.20	0.25	0.06		
		2	0.20	0.20	0.25	0.02		
West side		2	0.60	0.20	0.25	0.06		
		2	0.20	0.20	0.25	0.02		
						0.69		
						31.23		
Roof		1	28.40	14.20	0.15	**60.49**		
Deduct stair case and lift room		1	4.61	3.35	0.15	**2.32**		
						58.18		
						178.80	**6400.00**	**1144342.72**
Tender Quoted Rates								
Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chejja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications.								
Chejja Ground floor								
Window W1	Sqm	8	2.10	0.45		7.56		
W2		2	1.80	0.45		1.62		
W3		1	1.90	0.45		0.86		
W4		1	2.70	0.45		1.22		
						11.25	**520.00**	**5850.00**
Tender Quoted Rates								
First floor								
Window W1	Sqm	10	2.10	0.45		9.45		
W2		2	1.50	0.45		1.35		
W3		2	1.85	0.45		1.67		
Ventilator V		2	1.15	0.45		1.04		
						13.50	**520.00**	**7020.00**
Tender Quoted Rates								
Providing and laying in position reinforced cement concrete of design mix M20with OPCcement @ 320kgs, with 20mmand down size graded granite metal coarse aggregates @0.878cumandfineaggregtes@ 0.459cum, with superplastisiser @3lts confirmingto IS9103-1999Reaffirmed2008,machine mixed, concrete laid in layersnot exceeding 15 cms thick, vibrated for all work in foundation for fooiings,pedestals, retainingwalls, return walls, walls(any thickness) including attached plasters,columns, pillars, posts, struts, buttresses, bed blocks, anchor blocks, and plinths etc., including cost of all materials, labour, HOMof machinery, curing, complete as per specifications.								
For sump								
Bottom slab	Cum	1	3.00	3.00	0.20	1.80		
Sump Side walls		2	3.00	0.15	1.80	1.62		
Sump Side walls		2	2.70	0.15	1.80	1.46		
Cover slab		1	3.00	3.00	0.15	1.35		
						6.23		
Qty upto 125%						**4.79**	**6000.00**	**28725.00**
mentioned Qty	3.83							
5% Extra Qty	0.96							
Total	**4.79**							
Tender Quoted Rates	**6000.00**							

Qty Above 125%						1.44	6586.43	9487.76
Executed Qty	6.23							
Deduct upto 125%	4.79							
Balance Qty	1.44							
CSR of 2015-16	5739.00							
Extra Weightage=6%	344.34							
Sub Total	6083.34							
Add 8.27 % Above as TP	503.09							
Total	6586.43							
Tender Quoted Rates								
Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.								
sump						6.23		
	kg	Steel assumed 120 Kg/Cum of Concrete				747.36		
	tonne					**0.75**		
footings						139.01		
	kg	Steel assumed 125 Kg/Cum of Concrete				17375.95		
	tonne					**17.38**		
colloumns						29.37		
	kg	Steel assumed 150 Kg/Cum of Concrete				4357.50		
	tonne					**4.36**		
beam						31.23		
	kg	Steel assumed 200 Kg/Cum of Concrete				6245.26		
	tonne					**6.25**		
plinth beam						9.21		
	kg	Steel assumed 125 Kg/Cum of Concrete				1151.80		
	tonne					**1.15**		
staircase						2.76		
	kg	Steel assumed 125 Kg/Cum of Concrete				345.00		
	tonne					**0.35**		
Roof Slab						58.18		
	kg	Steel assumed 125 Kg/Cum of Concrete				7271.93		
	tonne					**7.27**		
Lintels						12.35		
	kg	Steel assumed 100 Kg/Cum of Concrete				1234.80		
	tonne					**1.23**		
chajja						11.25		
	kg	Steel assumed 95 Kg/Cum of Concrete				1068.75		
	tonne					**1.07**		
	tonne					**39.80**	**68500.00**	**2726187.15**
Tender Quoted Rates								
First floor								
colloumns						21.89		
	kg	Steel assumed 150 Kg/Cum of Concrete				3309.00		
	tonne					**3.31**		
beam						31.23		
	kg	Steel assumed 200 Kg/Cum of				6245.26		
	tonne					**6.25**		
Lintels						6.17		
	kg	Steel assumed 100 Kg/Cum of Concrete				617.40		
	tonne					**0.62**		

	Roof Slab							60.49		
		kg	Steel assumed 125 Kg/Cum of Concrete					7561.50		
		tonne						**7.56**		
	staircase							2.76		
		kg	Steel assumed 125 Kg/Cum of Concrete					345.00		
		tonne						**0.35**		
	chajja							13.50		
		kg	Steel assumed 95 Kg/Cum of Concrete					1282.50		
		tonne						**1.28**		
		tonne						**19.36**	**68900.00**	**1333949.47**
	Tender Quoted Rates									
25	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.									
	Ground floor									
	North side wall		1	28.40		3.20		90.88		
	South side wall		1	15.90		3.20		50.88		
	East side wall		1	14.20		3.00		42.60		
	West side wall		1	14.20		3.00		42.60		
	Internal walls		1	13.40		2.70		36.18		
	Lift long walls		1	2.20		3.20		7.04		
	Short walls		2	2.05		3.20		13.12		
	Total							**283.30**		
	Deduction									
	Door									
	D1		2	1.80		2.10		7.56		
	D2		4	0.90		2.10		7.56		
	Window									
	W1		8	1.80		1.60		23.04		
	W2		2	1.50		1.60		4.80		
	W3		1	1.60		1.60		2.56		
	W4		1	2.40		1.60		3.84		
	For lintels									
	North side wall		1	28.40		0.30		8.52		
	South side wall		1	15.90		0.30		4.77		
	East side wall		1	14.20		0.30		4.26		
	West side wall		1	14.20		0.30		4.26		
	Internal walls		1	13.40		0.30		4.02		
	Columns									
	Deduction(Columns)									
	North side		4	0.60		3.20		7.68		
			3	0.40		3.20		3.84		
			1	0.20		3.20		0.64		
	East side		2	0.60		3.00		3.60		
			1	0.20		3.00		0.60		
	South side		3	0.60		3.20		5.76		
			1	0.40		3.20		1.28		
			1	0.20		3.20		0.64		
	West side		2	0.60		3.00		3.60		
			2	0.20		3.00		1.20		
	Total							**104.03**		
								179.27	**900.00**	**161343.00**
	Tender Quoted Rates									

First floor								
North side walll	Sqm	1	28.40		3.40	96.56		
East side wall		1	14.20		3.40	48.28		
South side wall		1	28.40		3.40	96.56		
West side wall		1	14.20		3.40	48.28		
West side wall of stair case room		1	4.61		3.40	15.67		
North side wall of stair case room		1	5.85		3.40	19.89		
Lift short walls		2	2.05		3.40	13.94		
Lift long walls		1	2.20		3.40	7.48		
Staircase Head Room						0.00		
		2	4.61		2.25	20.74		
		2	4.23		2.25	19.01		
Lift machine room		2	2.05		4.40	18.04		
		1	2.20		4.40	9.68		
parapet Walls		2	28.40		1.20	68.16		
		2	14.20		1.20	34.08		
Total						**516.38**		
Deduction								
Door								
D1		1	1.80		2.10	3.78		
Window						0.00		
W1		10	1.85		1.55	28.68		
W2		2	1.20		1.55	3.72		
W3		2	1.55		1.55	4.81		
Ventilator V1		2	0.90		0.70	1.26		
Through Lintel		2	28.40		0.30	17.04		
		2	14.20		0.30	8.52		
Columns						0.00		
North side		4	0.60		3.42	8.21		
		3	0.40		3.42	4.10		
		1	0.20		3.42	0.68		
East side		2	0.60		3.22	3.86		
		1	0.20		3.22	0.64		
South side		3	0.60		3.42	6.16		
		3	0.40		3.42	4.10		
		2	0.20		3.42	1.37		
West side		2	0.60		3.22	3.86		
		2	0.20		3.22	1.29		
Columns(Parapet)						0.00		
North side		4	0.60		1.20	2.88		
		3	0.40		1.20	1.44		
		1	0.20		1.20	0.24		
East side		2	0.60		1.20	1.44		
		1	0.20		1.20	0.24		
South side		3	0.60		1.20	2.16		
		3	0.40		1.20	1.44		
		2	0.20		1.20	0.48		
West side		2	0.60		1.20	1.44		
		2	0.20		1.20	0.48		
Total						**114.32**		
						402.05	**1000.00**	**402053.00**
Tender Quoted Rates								

30	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms . (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	
	Item not operated	
31	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	
	Item not operated	
32	Providing and finishing external walls in two coats with water proof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. 15.53.2 -do- with primer	
	Item not operated	
33	Fixing of door frames in an exisying opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications.	
	Item not operated	
34	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications.	
	Item not operated	
35	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 30mm. thick with bottom and lockrails 180mm wide top rail and styles 100mm wide as per drawing andpanels of 25mm thick including cost of materials, labour, HOM ofmachineries complete as per specifications. (excluding cost of fixtures)	
	Item not operated	
36	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods,or combination of M.S. flats and square rods as per approved design,drawing including cutting steel sections and welding the same torequired pattern with a coat of red lead primer, cost of materials, fixtures,labour and HOM of machinery complete as per specifications	

DESCRIPTION OF ITEMS	No. of Windows	NO's of members	Total NO's of members	Length	Total length	Weight per m	Total Weight	
GROUND FLOOR								
W1(1.8X1.6)	8							
ISA 25X25X5Th @ 1.80kg/m								
	1	2	2	1.80	3.60	1.80	6.48	
	1	2	2	1.60	3.20	1.80	5.76	
FLAT 25X5Th @ 1.0kg/m								
	1	2	2	1.80	3.60	1.00	3.60	
	1	2	2	1.60	3.20	1.00	3.20	
SQUARE BARS 10X10 @ 0.785kg/m								
	1	12	12	1.80	21.60	0.785	16.96	
QUANTITY OF ONE WINDOW W1 IN Kg							**36.00**	

	TOTAL QUANTITY OF WINDOW W1 IN Kg							**287.97**	
2	W2(1.5X1.6)	**4**							
	ISA 25X25X5Th @ 1.80kg/m								
		1	2	2	1.50	3.00	1.8	5.40	
		1	2	2	1.60	3.20	1.8	5.76	
	FLAT 25X5Th @ 1.0kg/m								
		1	2	2	1.50	3.00	1	3.00	
		1	1	1	1.60	1.60	1	1.60	
	SQUARE BARS 10X10 @ 0.785kg/m								
		1	12	12	1.50	18.00	0.785	14.13	
	QUANTITY OF ONE WINDOW W2 IN Kg							**29.89**	
	TOTAL QUANTITY OF WINDOW W2 IN Kg							**119.56**	
3	W3(1.6X1.6)	**1**							
	ISA 25X25X5Th @ 1.80kg/m								
		1	4	4	1.60	6.40	1.8	11.52	
	FLAT 25X5Th @ 1.0kg/m								
		1	2	2	1.60	3.20	1	3.20	
		1	1	1	1.60	1.60	1	1.60	
	SQUARE BARS 10X10 @ 0.785kg/m								
		1	12	12	1.60	19.20	0.785	15.07	
	QUANTITY OF ONE WINDOW W3 IN Kg							**31.39**	
	TOTAL QUANTITY OF WINDOW W3 IN Kg							**31.39**	
4	W4(2.4X1.6)	**1**							
	ISA 25X25X5Th @ 1.80kg/m								
		1	2	2	2.40	4.80	1.8	8.64	
		1	2	2	1.60	3.20	1.8	5.76	
	FLAT 25X5Th @ 1.0kg/m								
		1	2	2	2.40	4.80	1	4.80	
		1	3	3	1.60	4.80	1	4.80	
	SQUARE BARS 10X10 @ 0.785kg/m								
		1	12	12	2.40	28.80	0.785	22.61	
	QUANTITY OF ONE WINDOW W4 IN Kg							**46.61**	
	TOTAL QUANTITY OF WINDOW W4 IN Kg							**46.61**	
	TAL QUANTITY IN Kg							**485.53**	
								86.76	**42124.41**
	Tender Quoted Rates								
	FIRST FLOOR								
1	W1(1.8X1.5)								
	ISA 25X25X5Th @ 1.80kg/m								
		1	2	2	1.80	3.60	1.80	6.48	
		1	2	2	1.50	3.00	1.80	5.40	
	FLAT 25X5Th @ 1.0kg/m								
		1	2.00	2.00	1.80	3.60	1.00	3.60	
		1	2.00	2.00	1.50	3.00	1.00	3.00	
	SQUARE BARS 10X10 @ 0.785kg/m								
		1	12.00	12.00	1.80	21.60	0.79	16.96	

	QUANTITY OF ONE							**35.44**	
	TOTAL QUANTITY OF							**354.36**	
2	W2(1.2X1.5)	**2**							
	ISA 25X25X5Th @ 1.80kg/m								
		1	2.00	2.00	1.20	2.40	1.80	4.32	
		1	2.00	2.00	1.50	3.00	1.80	5.40	
	FLAT 25X5Th @ 1.0kg/m								
		1	2.00	2.00	1.20	2.40	1.00	2.40	
		1	1.00	1.00	1.50	1.50	1.00	1.50	
	SQUARE BARS 10X10 @ 0.785kg/m								
		1	12.00	12.00	1.20	14.40	0.79	11.30	
	QUANTITY OF ONE WINDOW W2 IN Kg							**24.92**	
	TOTAL QUANTITY OF WINDOW W2 IN Kg							**49.85**	
3	W3(1.5X1.6)	2							
	ISA 25X25X5Th @ 1.80kg/m								
		1	2.00	2.00	1.50	3.00	1.80	5.40	
		1	2.00	2.00	1.60	3.20	1.80	5.76	
	FLAT 25X5Th @ 1.0kg/m								
		1	2.00	2.00	1.50	3.00	1.00	3.00	
		1	1.00	1.00	1.60	1.60	1.00	1.60	
	SQUARE BARS 10X10 @ 0.785kg/m								
		1	12.00	12.00	1.50	18.00	0.79	14.13	
	QUANTITY OF ONE WINDOW W3 IN Kg							**29.89**	
	TOTAL QUANTITY OF WINDOW W3 IN Kg							**59.78**	
4	V(0.9X0.7)	2							
	ISA 25X25X5Th @ 1.80kg/m								
		1	2.00	2.00	0.90	1.80	1.80	3.24	
		1	2.00	2.00	0.70	1.40	1.80	2.52	
	FLAT 25X5Th @ 1.0kg/m								
		1	1	1	0.70	0.70	1	0.70	
	SQUARE BARS 10X10 @ 0.785kg/m								
		1	6	6	0.90	5.40	0.785	4.24	
	QUANTITY OF ONE VENTILATOR V IN Kg							**10.70**	
	TOTAL QUANTITY OF VENTILATOR V IN Kg							**21.40**	
	TAL QUANTITY IN Kg							**485.39**	
								140.00	**67954.04**
	Tender Quoted Rates								
	Providing 20mm square M.S footrest and fixing in manhole Nos 232.00 with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications.								
	For sump	No.s	2				2		
							2	**270.00**	**540.00**
	Tender Quoted Rates								
	Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 110 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications								
		Item not operated							

39	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching , refilling & testing of joints complete. (external work). 25mm nominal OD pipes								
		Item not operated							
40	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.								
		Item not operated							
41	Providing and fixing to wall, ceiling and floor, medium densitypolyethylene pipes **6.00 kgf/sq.cm** working pressure **140mm** outsidediameter with special flange, compression type fittings, wall clips, makinggood the wall, ceiling and floor, including cost of all materials, labourcharges, HOM of equipments and testing complete as per specifications								
		Item not operated							
42	Providing and placing on terrace, polyethylene waterstorage tanks with manhole lid and suitable locking arrangements,making holes of suitable diameter for inlet, outlet and over flow pipes,including cost of all materials, labour, transport charges, HOM ofequipments and testing complete as per specifications.(For 1000 litre capacity)								
		Item not operated							
43	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).12.113.1 -do- 10cms x 7.5cms								
		Item not operated							
44	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm dia nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.								
		Item not operated							
45	Constructing brick masonry inspection chamber 455x610mm, and 450mm depth , (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.								
		Item not operated							
							0		
	Tender Quoted Rates								
46	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications.								
		Item not operated							
47	Providing ,supplying & commissionig of 1.0H.P/75 kW (submersible single phase pump)of ATLANTA/SUGUNA/CRI/KIRLOSKAR/OTHER EQUALENT PUMPS Pg no:XXXXII.Item no.1								
		Item not operated							
48	Conveying the excavated debries and over burden earth etc to a lead 20 kms distances by using private vehicles this including the cost of loading and inloading charges etc								
	Qty. vide Item No.13	cumt					**279.39**	**120.00**	**33526.38**

Tender Quoted Rates								
							TOTAL	**9558322.55**
EXTRA ITEMS								
Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2Pg No.12 Item No. 4.5								
M20 On Flaging Concrete								
Filling of Site Area								
Site Area(N/S)	Cum	1	34.30	2.05	0.075	5.27		
Site Area(S/S)		1	34.30	2.00	0.075	5.15		
Site Area(E/S)		1	14.20	2.55	0.075	2.72		
Site Area(W/S)		1	14.20	3.60	0.075	3.83		
Inside Area		1	27.80	13.70	0.075	28.56		
					TOTAL	**45.53**	**6367.23**	**289918.23**
Basic rate	5548.00							
Extra weightage 6%	332.88							
Total	**5880.88**							
CST % Above as TP	486.35							
Total	**6367.23**							
Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.45cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (Coping)								
Below **Plinth Beam**								
Grid 1-3	Cum	1	8.58	0.45	0.050	0.19		
Grid 2-5		1	7.60	0.45	0.050	0.17		
Grid C-D		2	3.50	0.45	0.050	0.16		
Grid D-E		2	3.50	0.45	0.050	0.16		
Grid E-F		2	3.50	0.45	0.050	0.16		
Grid F-H		1	3.50	0.45	0.050	0.08		
Grid H-K		1	3.20	0.45	0.050	0.07		
Grid F-G		1	1.71	0.45	0.050	0.04		
Grid G-K		2	5.05	0.45	0.050	0.23		
Grid 3-7		2	3.80	0.45	0.050	0.17		
Grid A-B		2	4.00	0.45	0.050	0.18		
Grid B-C		2	3.50	0.45	0.050	0.16		
Grid 1-2		1	2.30	0.45	0.050	0.05		
Grid 5-7		1	2.30	0.45	0.050	0.05		
B/W 1-7		1	13.40	0.45	0.050	0.30		
Walls		1	4.60	0.45	0.050	0.10		
Walls		1	10.00	0.45	0.050	0.23		
					TOTAL	**2.50**	**5834.71**	**14557.76**
Basic rate	5084.00							
Extra weightage 6%	305.04							
Total	**5389.04**							
CST % Above as TP	445.67							
Total	**5834.71**							

Providing and laying in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagnols 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements,stoppers,handles on both sides with 7.5cms openings at 10cms. ctoc applying a primer coat of red lead paint. including cost of all materials, labour, HOM of machinery, complete as per specifications. Pg No.31 Item No. 7.1								
Ground Floor	Sqm	2	2.10		2.10	8.82		
First Floor		1	2.10		2.10	4.41		
					TOTAL	**13.23**	**4835.10**	**63968.37**
Basic rate	4213.00							
Area weightage 6%	252.78							
Total	**4465.78**							
8.27 % Above as TP	369.32							
Total	**4835.10**							
7.3 KSRB 7.3 : Providing and fixing 1mm thick M.S. sheet garage door with frame and diagonal braces of size 40x40x6 mm angle Iron, 3.15mm thick M.S. Gusset plates at the junctions and corners, with handles, stoppers and locking arrangements etc., including applying a priming coat of red lead paint cost of materials, labour, HOM of machinery complete as per specifications. Double leaf door of size 2.4x2.4m Specification No. KBS 7.9 / 7.12								
Staircase head room door	Sqm	1	0.90		1.80	1.62		
					TOTAL	**1.62**	**2869.16**	**4648.03**
Basic rate	2500.00							
Area weightage 6%	150							
Total	**2650**							
8.27 % Above as TP	219.16							
Total	**2869.16**							

Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement rods by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical -SR 2015-16)								
Ground Floor	M	1	24.50			24.50		
		7	10.20			71.40		
First Floor		1	24.50			24.50		
		7	10.20			71.40		
					TOTAL	**191.80**	**32.00**	**6137.60**
						SUB TOTAL		**379229.99**
						TOTAL AMOUNT		**9937552.54**
RUPEES NINETY NINE LAKHS THIRTY SEVEN THOUSAND FIVE HUNDRED FIFTY TWO ONLY)								

CERTIFICATE:

The work spot has been inspected and found to be necessary

The work spot comes under B.B.M.P

The provisions made in the estimate are necessary and minimum

The estimate is based on C.S.R of 2015-2016 and approved rates.

07/03/2017.

Assistant Engineer
Yelahanka project
BBMP

Assistant Executive Engineer
Yelahanka project
BBMP

Executive Engineer
Yelahanka project
BBMP
7/3/17.

"Modified Estimate Approved"

Technical Sanction
Accorded For (C) 100.00 lakh (R) 99.37 lakh Rs.
Head of A/C..... P3089
CER NO :..... 164A **Dt:**.. 08/03/17

TA — **CE (YNK)**